EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	9	("5432922" | "5459857" | "5708769" | "5917998" | "5987575" | "6151665" | "6173377" | "6178427" | "6216211"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/28 17:34
L2	24679753	@ad<"20030729"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 17:34
L3	1	L2 and dynamic$4 with (resiz$3 re-siz$3 reformat$4 re-format$4) and (resiz$3 re-siz$3 reformat$4 re-format$4) same mirror$3 same (virtual$2 logical$2) same (RAID$2 redundanc$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 17:34
L4	1	L2 and dynamic$4 same (resiz$3 re-siz$3 reformat$4 re-format$4) same mirror$3 same (virtual$2 logical$2) same (RAID$2 redundanc$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 17:34
L5	1	L2 and dynamic$4 same (resiz$3 re-siz$3) same ((mirror$3 copy$3 copie$1) same (virtual$2 logical$2)) and RAID$2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 17:34
L6	2	"20030023811".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 17:34
L7	201	711/111.ccls.	US-PGPUB	OR	ON	2007/08/28 17:34
L8	1102	711/114.ccls.	US-PGPUB	OR	ON	2007/08/28 17:34
L9	2301	714/6.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 17:34

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L10	540	711/148.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 17:34
L11	658	711/112.ccls.	US-PGPUB	OR	ON	2007/08/28 17:34
L12	442	709/214.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 17:34
L13	1287	711/147.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 17:34
L14	738	714/7.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 17:34
L15	6	dynamic$4 with ((mirror$3 copy$3 copie$1) near3 (virtual$2 logical$2)) with (resiz$3 reconstruct$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 17:34
L16	533	714/1.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 17:34
L17	1348	709/213.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 17:34

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L18	5744	L2 and (L8 L11 L7 L16 L9 L14 L17 L12 L13 L10)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 17:34
L19	64	dynamic$4 with ((mirror$3 copy$3 copie$1) near3 (virtual$2 logical$2))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 17:34
L20	51	L2 and L19	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 17:34
L21	10	dynamic$4 with ((mirror$3 copy$3 copie$1) near3 (virtual$2 logical$2)) with (resiz$3 re-siz$3 reconstruct$3 expan$4 reduc$4 add$3 addition remov$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 17:34
L22	11	L2 and (dynamic$4 realtime real-time) with ((mirror$3 copy$3 copie$1 ghost$3 duplicat$3 backup$3) near3 (virtual$2 logical$2)) with (resiz$3 re-siz$3 reconstruct$3 re-construct$3 reallocat$3 re-allocat$3 expan$4 reduc$4 add$3 addition remov$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 17:34
L23	11	dynamic$4 with mirror$3 near2 virtual$2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 17:34
L24	8	L2 and L23	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 17:34

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L25	7	L2 and L21	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 17:34
L26	16	dynamic$4 with ((mirror$3 copy$3 copie$1 ghost$3 duplicat$3 backup$3) near3 (virtual$2 logical$2)) with (resiz$3 re-siz$3 reconstruct$3 expan$4 reduc$4 add$3 addition remov$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 17:34
L27	10	L2 and L26	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 17:34
L28	2	"5897661".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 17:34
L29	2	"5875456".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 17:34
L30	21	burkey.in.	US-PGPUB	OR	ON	2007/08/28 17:34
L31	2	L30 and "mirrored virtual".clm.	US-PGPUB	OR	ON	2007/08/28 17:34
L32	6	L2 and (dynamic$4 realtime real-time) with ((mirror$3 copy$3 copie$1 ghost$3 duplicat$3 backup$3) with (virtual$2 logical$2)) with (resiz$3 re-siz$3 reconstruct$3 re-construct$3 reallocat$3 re-allocat$3 expan$4 reduc$4 add$3 addition remov$3) and "RAID"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 17:34

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L33	4	L2 and (dynamic$4 realtime real-time) same ((mirror$3 copy$3 copie$1 ghost$3 duplicat$3 backup$3) with (virtual$2 logical$2)) with (resiz$3 re-siz$3 reconstruct$3 re-construct$3 reallocat$3 re-allocat$3 expan$4 reduc$4 add$3 addition remov$3) and break$3 with mirror$3 and "RAID"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 17:34
L34	10	L2 and dynamic$4 with ((mirror$3 copy$3 copie$1 ghost$3 duplicat$3 backup$3) near3 (virtual$2 logical$2)) with (resiz$3 re-siz$3 reconstruct$3 re-construct$3 reallocat$3 re-allocat$3 expan$4 reduc$4 add$3 addition remov$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 17:34
L35	5	L18 and (L24 L25 L31 L34 L22 L32 L33)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 17:34
L36	1	L30 and "dynamically resizing".clm.	US-PGPUB	OR	ON	2007/08/28 17:34
L37	2	specif$4 with siz$3 with "virtual disk" with map$4 with mirror$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 17:34
L38	24679753	@ad<"20030729"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 17:34
L39	13	siz$3 with (virtual logical) with map$4 with mirror$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 17:34
L40	6	L39 and raid and L38	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 17:34

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L41	9	L39 and L38	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 17:34
L42	1	"6574705".PN.	USPAT; USOCR	OR	ON	2007/08/28 17:34
L43	46	dynamic$4 with ((mirror$3 copy$3 copie$1) with (virtual$2 logical$2)) with (resiz$3 re-siz$3 reconstruct$3 expan$4 reduc$4 add$3 addition remov$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 17:51
L44	8	L2 and (resiz$3 re-siz$3 reformat$4 re-format$4) same mirror$3 same (RAID$2 redundan$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 17:34
L45	1	L2 and dynamic$4 with (resiz$3 re-siz$3 reformat$4 re-format$4) and (resiz$3 re-siz$3 reformat$4 re-format$4) same mirror$3 same (RAID$2 redundanc$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 17:34
L46	25	dynamic$4 near3 (resiz$3 re-siz$3) same ((mirror$3 copy$3 copie$1) same (virtual$2 logical$2))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 17:34
L47	69	2 and (15 19 21 26 32 34 41 43 46)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 17:53
L48	24	47 and RAID$2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 19:18

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L51	209	burkey.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 19:25
L52	1	51 and (dynamically adj resiz$3).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 19:26

Terms used: **resizing mirrored disk RAID virtual logical** Found **7** of **209,709**

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Relevance scale

1 A taxonomy of Data Grids for distributed data sharing, management, and processing
Srikumar Venugopal, Rajkumar Buyya, Kotagiri Ramamohanarao
June 2006 **ACM Computing Surveys (CSUR)**, Volume 38 Issue 1
Publisher: ACM Press
Full text available: pdf(1.70 MB) Additional Information: full citation, abstract, references, index terms

Data Grids have been adopted as the next generation platform by many scientific communities that need to share, access, transport, process, and manage large data collections distributed worldwide. They combine high-end computing technologies with high-performance networking and wide-area storage management techniques. In this article, we discuss the key concepts behind Data Grids and compare them with other data sharing and distribution paradigms such as content delivery networks, peer-to-peer n ...

Keywords: Grid computing, data-intensive applications, replica management, virtual organizations

2 Kernel korner: ATA over ethernet: putting hard drives on the lan
Ed L. Cashin
June 2005 **Linux Journal**, Volume 2005 Issue 134
Publisher: Specialized Systems Consultants, Inc.
Full text available: html(23.76 KB) Additional Information: full citation, abstract, index terms

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3 Promises and reality: Performance measurements of a user-space DAFS server with a database workload
Samuel A. Fineberg, Don Wilson
August 2003 **Proceedings of the ACM SIGCOMM workshop on Network-I/O convergence: experience, lessons, implications NICELI '03**
Publisher: ACM Press
Full text available: pdf(366.48 KB) Additional Information: full citation, abstract, references, index terms

We evaluate the performance of a user-space Direct Access File System (DAFS) server and Oracle Disk Manager (ODM) client using two synthetic test codes as well as the Oracle database. Tests were run on 4-processor Intel Xeon-based systems running Windows 2000. The systems were connected with ServerNet II, a Virtual Interface Architecture (VIA) compliant system area network. We compare the performance of DAFS/ODM and

local-disk based I/O, measuring I/O bandwidth and latency. We also compare the r ...

Keywords: DAFS, Database, File Systems, I/O, Networks, Performance Evaluation, RDMA

4 Kernel korner: storage improvements in 2.6 and for 2.7
Paul E. McKenney
August 2004 **Linux Journal**, Volume 2004 Issue 124
Publisher: Specialized Systems Consultants, Inc.
Full text available: html(21.09 KB) Additional Information: full citation

5 Pegasus—operating system support for distributed multimedia systems
Ian M. Leslie, Derek McAuley, Sape J. Mullender
January 1993 **ACM SIGOPS Operating Systems Review**, Volume 27 Issue 1
Publisher: ACM Press
Full text available: pdf(1.21 MB) Additional Information: full citation, citings, index terms

6 Database session 4: heterogeneous and distributed systems: A reliable storage management layer for distributed information retrieval systems
Charles L. A. Clarke, Philip L. Tilker, Allen Quoc-Luan Tran, Kevin Harris, Antonio S. Cheng
November 2003 **Proceedings of the twelfth international conference on Information and knowledge management CIKM '03**
Publisher: ACM Press
Full text available: pdf(165.86 KB) Additional Information: full citation, abstract, references, citings, index terms

We present a storage management layer that facilitates the implementation of parallel information retrieval systems, and related applications, on networks of workstations. The storage management layer automates the process of adding and removing nodes, and implements a dispersed mirroring strategy to improve reliability. When nodes are added and removed, the document collection managed by the system is redistributed for load balancing purposes. The use of dispersed mirroring minimizes the impact ...

Keywords: cluster computing, distributed information retrieval, self-managing systems

7 Journaling with ReisersFS
Chris Mason
February 2001 **Linux Journal**
Publisher: Specialized Systems Consultants, Inc.
Full text available: html(15.07 KB) Additional Information: full citation, abstract, references, index terms

Mason gives a tour through the Reiser File System: its features and construction.

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